

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER



**Top Secret**

25X1

basic imagery interpretation report

## Moskva Experimental Plant 115 (S)

STRATEGIC WEAPONS INDUSTRIAL FACILITIES

USSR

25X1

**Top Secret**

25X1

RCA-09/0031/75  
DECEMBER 1975  
Copy 49

**Page Denied**

**Top Secret RUFF**

--

25X1

INSTALLATION OR ACTIVITY NAME					COUNTRY	
Moskva Experimental Plant 115					UR	
UTM COORDINATES	GEOGRAPHIC COORDINATES	CATEGORY	BE NO.	COMIREX NO.	NIETB NO.	
NA	55-48-05N 037-31-07E					
MAP REFERENCE						
SAC. USATC, Series 200, Sheet 0167-5, scale 1:200,000						
LATEST IMAGERY USED			NEGATION DATE (If required)			
<table border="1"> <tr> <td></td> </tr> </table>				NA		

25X1

25X1

**ABSTRACT**

1. (TSR) This report updates a previous NPIC report on Moskva Experimental Plant 115. This report describes the construction at the plant between [ ] the information cutoff date of the previous report and [ ] the information cutoff date of this report. A photograph and a table of mensural and chronological data are included in this report.

25X1

25X1

2. (TSR) Moskva Experimental Plant 115 is the location of the A. S. Yakolev Design Bureau and has been present since World War II. The plant consists of ten major buildings with a total floorspace of [ ]. In addition to a design and engineering function, Plant 115 has the facilities to fabricate the parts and components necessary for completing models and full-scale mockups of new aircraft designs. The plant may also have a limited prototype assembly capability.

25X1

**INTRODUCTION**

3. (S/WNINT//) Moskva Experimental Plant 115 is 5.2 nautical miles (nm) northwest of the Kremlin and 1 nm north of Moscow Central Airfield [ ] (Figure 1). The plant is in a high-density urban area, occupies a square city block, and appears to be at the limits of expansion. It is bordered on the northwest by a small industrial installation, on the northeast and southeast by multi-story apartment buildings, and on the southwest by Leningradskiy Prospekt, an eight-lane major traffic artery. Plant 115 is the location of the A. S. Yakolev Design Bureau and has been present since World War II. This report updates a previous NPIC report.

25X1

--

- 1 -

**Top Secret**

RCA-09/0031/79

25X1

Top Secret RUFF

**BASIC DESCRIPTION**

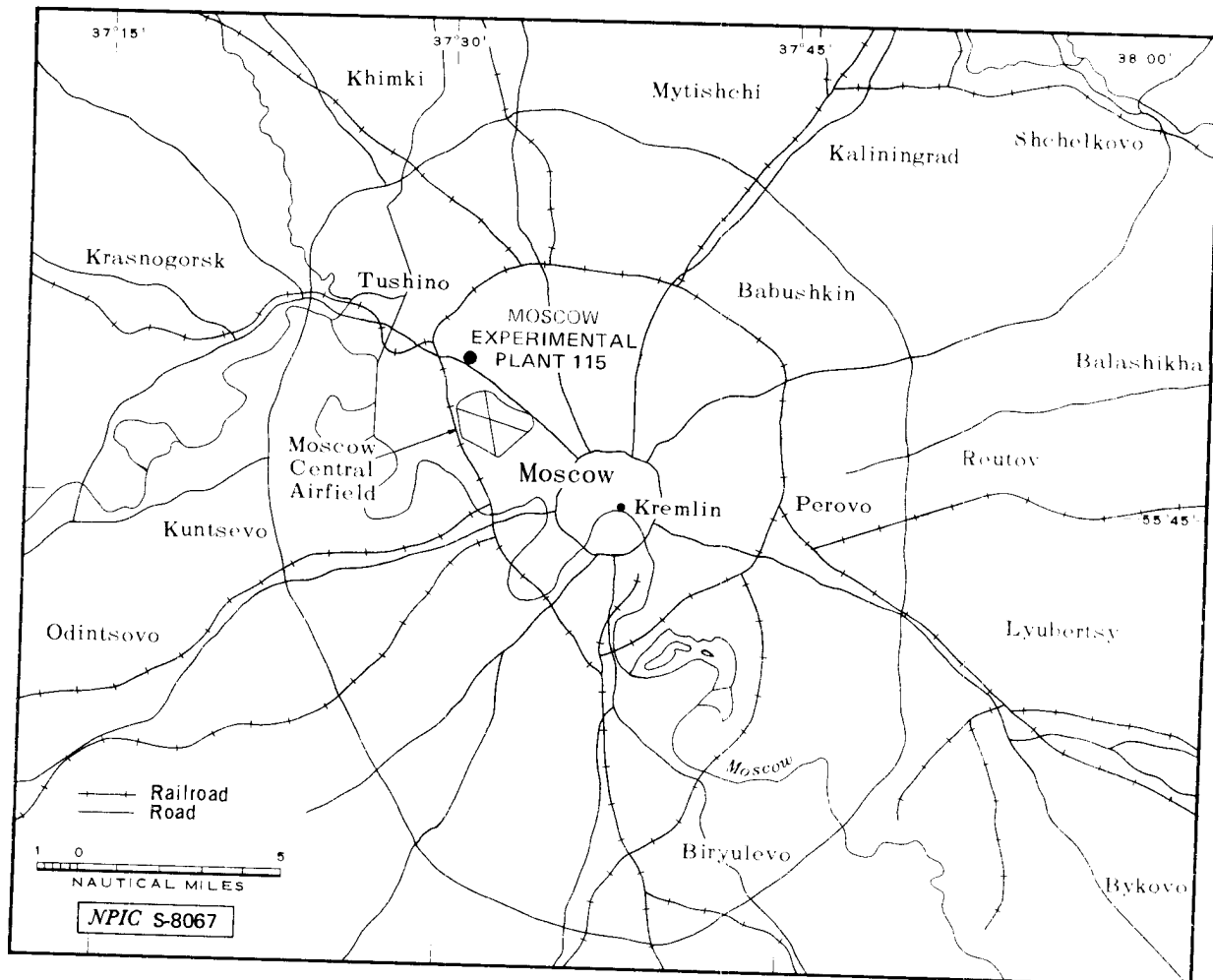
4. (TSR) Moskva Experimental Plant 115 consists of ten major buildings with a total floor-space of [REDACTED]. Most of the buildings now have one or more wings or additions. Construction of wings and additions appears to be the only way to add floorspace since there is no additional space outside the plant proper for expansion. Following is a chronology of construction from January 1974 through May 1979.

25X1

**January 1974 through February 1975**

5. (TSR) A multistory administration/engineering building (item 9, Figure 2 and Table 1) was completed and construction was begun on a second one (item 10) during this period. The completed multistory administration/engineering building had been nearly finished by [REDACTED]

25X1

**FIGURE 1. LOCATION OF MOSKVA EXPERIMENTAL PLANT 115, USSR**

- 2 -

Top Secret

RCA-09/0031/79

25X1

**Top Secret RUFF**

[ ] Only finishing of the roof surface remained to be done. The multistory administration/engineering building appears to be identical to the adjacent administration/engineering building (item 8). Completion of the building added [ ] to the plant floorspace, which increased the total floorspace of the plant to approximately 50,973 square meters.

25X1

25X1

6. (TSR) The administration/engineering building (item 10) under construction appeared to be at least three stories high by February 1975.

**March 1975 through July 1977**

7. (TSR) A small, covered porch addition was constructed on the south corner of the shop building (item 5) next to the main assembly hangar (item 7b). The addition was complete by March 1976. The addition and a major portion of the shop building were later razed.

8. (TSR) The multistory administration/engineering building (item 10) was complete by June 1975. This building contains [ ] of floorspace, making it the third largest building in the plant in terms of floorspace. Construction of this building increased the plant floorspace to 56,893 square meters.

25X1

**August 1977 through April 1978**

9. (TSR) Three shop sections were added to the shop building (item 1) on the northwest side of the installation. These additional shop sections (items 1c, d, and e) extended all the way to the street adjacent to the northeast edge of the plant. The security fence was repositioned to the curb to accommodate the additions. The floorspace of the three new shop sections totaled [ ] square meters, increasing the total floorspace of the plant to 58,088 square meters.

25X1

10. (TSR) The shop building (item 5) and its covered porch addition were partially razed during this period. Approximately 1,037 square meters of the 1,282-square-meter building was demolished. It was impossible to determine why only a small section was left intact while the remainder of the building was razed. This reduced the total floorspace of the plant to [ ] square meters.

25X1

**May 1978 through May 1979**

11. (TSR) Reconstruction was begun on a portion of the shop building (item 5) that had been razed between August 1977 and April 1978. The dimensions of the building were undetermined as of [ ] It did appear, however, that the building would be at least three stories high.

25X1

**Page Denied**

Top Secret RUFF

**Table 1.**  
**Buildings at Moskva Experimental Plant 115**  
**(Items keyed to Figure 2)**

*This table in its entirety is classified TOP SECRET RUFF*

Item	Function	Dimensions (m)			Floorspace (sq m)	Date	Remarks
		L	W	H			
1	Shop bldg						
a	Sec					Oct 64	High bay
b	Sec					Oct 64	
c	Sec					Apr 78	
d	Sec					Apr 78	
e	Sec					Apr 78	
2	Engr/lab bldg						
a	Sec					Aug 41	
b	Sec					Aug 41	
c	Sec					Aug 41	
3	Admin/engr bldg						
a	Sec					Jun 62	
b	Sec					Jun 62	
c	Sec					Jun 62	Connected by overhead walk-way to bldg 8
4	Design & fab bldg						
a	Engr/design sec					Aug 41	
b	Engr/design sec					Aug 41	
c	Design & fab sec					Aug 41	
d	Shop/assem sec					Aug 41	
5	Shop bldg					Jun 62	Approx 1,037 sq m razed by Mar 78
6	Shop bldg					Jun 63	
7	Fab/assem bldg						
a	Shop sec					Mar 73	
b	Main assem hangar					Aug 72	High bay
c	Shop/subassem sec					Jun 71	Contains overhead crane
d	Shop/subassem sec					Aug 68	Contains overhead crane
8	Admin/engr bldg					Apr 70	Connected by overhead walk-way to bldg 3c
9	Admin/engr bldg					Jan 74	
10	Admin/engr bldg					Jun 75	

25X1

**Top Secret RUFF**

**REFERENCES**

**IMAGERY**

(TSR) Selected KEYHOLE imagery of suitable interpretability acquired from [ ]  
[ ] was used in the preparation of this report.

25X1  
25X1

**MAPS OR CHARTS**

SAC. US Air Target Chart, Series 200, Sheet 0167-5, scale 1:200,000 (UNCLASSIFIED)

**DOCUMENTS**

1. NPIC. [ ] RCA-09/0046/74, *Moscow Experimental Plant 115*, Apr 74 (TOP SECRET

25X1  
25X1

**REQUIREMENT**

COMIREX J02  
Project 290066DJ

(S) Comments and queries regarding this report are welcome. They may be directed to [ ]  
Warsaw Pact Forces Division, Imagery Exploitation Group, NPIC, [ ]

25X1  
25X1

**Top Secret**

[REDACTED]

**Top Secret**